

dissimilar clamping arm lengths and dissimilar clamping arm widths.

Fig. 15 is the second embodiment of the present invention. This embodiment is similar to the preferred embodiment of the invention and the other variations, but is an improved spring clip or clamp **166**. It consists of a continuous strand or length or loop of compliant and resilient material that forms elongated rectangle-shaped dual clamping arms **172** and **174** connected to dual interconnecting crisscrossing spring-like legs **168** and **170**. Clamped material **176** may be held firmly by the edge over a wide area such as in the margins of paper in a binder. This shape may be applicable or modified to use as a clip board or a binder for reports or books, as is shown with **176**. Either clamping arm can be secured to a backing or cover for more flexibility in applications.

CLAIMS: I claim:

1. A multi-purpose spring clip and clamp formed with a continuous strand of resilient and compliant material formed in such a way to provide dual crisscrossing spring-like legs interconnecting to dual clamping arms that clamp material between them with the ability to mitigate bending and torque stresses that tend to distort the clamping arms and therefore loose clamping pressure.
2. A multi-purpose spring clip and clamp in accordance with claim 1 wherein the upper and lower clamping arms are of various shapes and lengths and widths to provide optimum clamping force.
3. A multi-purpose spring clip and clamp in accordance with claim 1 wherein the dual crisscrossing legs are of various shapes and lengths and widths to provide optimum clamping force.

4. A multi-purpose spring clip and clamp in accordance with claim 1 wherein the dual crisscrossing legs connect to different materials or assemblies that act as an upper clamping arm and/or a lower clamping arm and/or other surfaces.
5. A multi-purpose spring clip and clamp in accordance with claim 1 wherein the dual crisscrossing legs are of various materials and shapes and in combination that perform as required for strength, rigidity, cost, to flex, to bend, to spring, or to grip to provide required operation and applications to the clamping arm(s) or legs(s).
6. A multipurpose spring clip and clamp formed of a continuous strand and endless loop of spring wire that begins forming into a long "U" shape loop is the first clamping arm as the inner clamping arm, then forming slightly different lengths to each side of the first arm, then each side be formed at right angles toward and crisscross passing each in a box form in the same relative parallel plane as the first arm and to act as dual crisscrossing connecting spring-like legs, then each end of the legs after passing slightly beyond the sides of the inner clamping arm will be formed at right angles to form a second long "U" shape loop with the remaining length of the endless continuous strand of wire. The second "U" shape loop is the second clamping arm and is formed in such a way to be wider and longer than the inner clamping arm and is in the same relative parallel plane with the inner clamping arm to be formed parallel to each other where paper can be clamped or clipped with continuous spring pressure between the inner and outer clamping arms created by the dual crisscrossing connecting spring-like legs expanding in the axis perpendicular to the axis of

the clamping arms to the thickness of the paper or material stack.

7. A multipurpose clamp or clip in accordance with claim 6 wherein the spring wire is some other compliant and resilient spring-type material and/or shape.
8. A multipurpose clamp or clip in accordance with claim 6 wherein the dual clamping arms are of different widths or lengths or shapes for improved operation.
9. A multipurpose clamp or clip in accordance with claim 6 wherein any other material is clamped or clipped other than paper.
10. A multipurpose clamp or clip in accordance with claim 6 where one inner or outer clamping arm loop is part of a base or backing plate to act as a clip board or book binder or notebook binder or notepad and for various clamping applications.
11. A multipurpose clamp or clip formed in such a way with a length of spring wire formed into dual crisscrossing spring-type legs that expand by the thickness of the paper or material being clamped or clipped and are connected to a lower clamping arm loop and also connected to an upper clamping arms, thereby providing continuous clamping pressure and mitigating bending and twisting distortion of the clamping arms.
12. A multipurpose clamp or clip in accordance with claim 11 wherein the spring wire is some other spring material and/or shape.
13. A multipurpose clamp or clip in accordance with claim 11 where the lower or upper clamping arm or arms is part of a base or backing plate to act as a clip board or book binder or notebook binder or notepad and for various clamping applications.